

INTERNATIONAL SEARCH REPORT

International Application No

PCT/IB2004/003381

A. CLASSIFICATION OF SUBJECT MATTER
 IPC 7 G09F9/30 G02F1/15 G02F1/163

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
 IPC 7 G09F G02F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, INSPEC, COMPENDEX, IBM-TDB

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 4 126 456 A (POLE ROBERT V ET AL) 21 November 1978 (1978-11-21) * column 1, last paragraph *, figures -----	1-4, 9, 10
X	US 4 324 622 A (DEB SATYENDRA K) 13 April 1982 (1982-04-13) abstract; figure 1 -----	1-3, 9, 10
X	PATENT ABSTRACTS OF JAPAN vol. 2000, no. 13, 5 February 2001 (2001-02-05) -& JP 2000 292818 A (FUJI PHOTO FILM CO LTD), 20 October 2000 (2000-10-20) abstract * figures * -----	1-3, 7-10

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

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Date of the actual completion of the international search

12 January 2005

Date of mailing of the international search report

25/01/2005

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Information on patent family members

International Application No

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Patent document cited in search report	Publication date		Patent family member(s)	Publication date
US 4126456	A	21-11-1978	BR 7603417 A CA 1059229 A1 CH 613544 A5 DE 2616625 A1 ES 448343 A1 FR 2312808 A1 GB 1522226 A IT 1064163 B JP 1080858 C JP 51145295 A JP 56020554 B SE 417646 B SE 7605879 A SU 803873 A3	21-12-1976 24-07-1979 28-09-1979 02-12-1976 16-07-1977 24-12-1976 23-08-1978 18-02-1985 25-01-1982 14-12-1976 14-05-1981 30-03-1981 30-11-1976 07-02-1981
US 4324622	A	13-04-1982	NONE	
JP 2000292818	A	20-10-2000	NONE	